

IHD stands for **Ischemic Heart Disease**, which is a condition where the heart muscle doesn't get enough oxygen and blood. It's also called coronary artery disease or coronary heart disease. [🔗](#)




## Causes

- A build-up of plaque in the coronary arteries that supply blood to the heart [🔗](#)
- A blood clot that forms in the coronary arteries [🔗](#)
- A constriction of the coronary arteries [🔗](#)


## Symptoms [🔗](#)

- Chest pain or pressure, especially on the left side of the body
- Pain in the jaw, neck, shoulder, or arm
- Shortness of breath
- Sweating
- Nausea or vomiting
- Dizziness or lightheadedness
- Fast or irregular heartbeat

Complications heart attack, heart failure, blood clots, heart valve disease, and abnormal heart rhythms (arrhythmia). 

## Treatment

- There are therapies that can reduce mortality
- Research is ongoing to develop biomarkers for early detection

IHD is the most common cause of death in western countries. 

IHD programs are re-  
search and learning pro-  
grams that study  
ischemic heart disease



(IHD). IHD is a type of heart disease that occurs when the heart muscle doesn't receive enough oxygen. [🔗](#)

## IHD programs

### **Ischemic Heart Disease Research Program at Krannert Cardiovascular Research Center**

This program uses imaging technologies, biomedical engineering, and other methods to study IHD. The goal is to develop biomarkers for early diagnosis. [🔗](#)

### **Ischemic Heart Disease Program at Mayo Clinic**

This program studies the genetics and mechanisms of IHD, including spontaneous coronary dissection and stress cardiomyopathy. [🔗](#)



# Ischemic Heart Disease (IHD) Learning Pathway at ACC.25

This program covers topics such as: [🔗](#)

- Intervention timing versus medical management [🔗](#)
- Management of refractory symptoms [🔗](#)
- Optimal approaches to left main coronary artery disease (CAD) [🔗](#)
- Lifestyle modifications [🔗](#)
- Medication approaches [🔗](#)
- Revascularization techniques [🔗](#)